

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent application of:

Applicant: Lucy M. MacGregor et al.  
Application No.: 10/554,236  
Filing Date: October 20, 2005  
Title: ELECTROMAGNETIC SURVEYING FOR HYDROCARBON  
RESERVOIRS  
Examiner: Reena Aurora  
Art Unit: 2862  
Attorney Docket No. DYOUN0300US

**REPLY TO OFFICE ACTION DATED APRIL 2, 2008**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please amend the application in accordance with the following appended parts:

Amendments to the Claims  
Remarks

In the event any fee or additional fee is due in connection with the filing of this paper, the Commissioner is authorized to charge those fees to our Deposit Account No. 18-0988 (under the above Docket Number). In the event an extension of time is needed to make the filing of this paper timely and no separate petition is attached, please consider this a petition for the requisite extension and charge the fee to our Deposit Account No. 18-0988 (under the above Docket Number).